

**From:** [Smalley, Bryant](#)  
**To:** [Bernier, Roberto](#)  
**Cc:** [Carroll, Craig](#); [Smith, Monica](#)  
**Subject:** RE: ACTION FW: Arkema investigations DRAFT response  
**Date:** Tuesday, September 26, 2017 10:57:33 AM

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Looping in Craig and Monica.

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**From:** Smalley, Bryant  
**Sent:** Tuesday, September 26, 2017 10:55 AM  
**To:** Roberto Bernier <[Bernier.Roberto@epa.gov](mailto:Bernier.Roberto@epa.gov)>  
**Subject:** FW: ACTION FW: Arkema investigations DRAFT response

Roberto – Did we end up doing any other sampling??

Bryant

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**From:** Gray, David  
**Sent:** Tuesday, September 26, 2017 10:53 AM  
**To:** Carroll, Craig <[Carroll.Craig@epa.gov](mailto:Carroll.Craig@epa.gov)>; Smith, Monica <[smith.monica@epa.gov](mailto:smith.monica@epa.gov)>; Edlund, Carl <[Edlund.Carl@epa.gov](mailto:Edlund.Carl@epa.gov)>; Smalley, Bryant <[smalley.bryant@epa.gov](mailto:smalley.bryant@epa.gov)>  
**Subject:** ACTION FW: Arkema investigations DRAFT response

Is this correct? Do we have more sample data from Arkema?

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**From:** Andrea Morrow [<mailto:Andrea.Morrow@tceq.texas.gov>]  
**Sent:** Tuesday, September 26, 2017 10:50 AM  
**To:** Ryan Vise <[Ryan.Vise@Tceq.Texas.Gov](mailto:Ryan.Vise@Tceq.Texas.Gov)>; Lori Wilson <[Lori.Wilson@tceq.texas.gov](mailto:Lori.Wilson@tceq.texas.gov)>; Emily Lindley <[Emily.Lindley@tceq.texas.gov](mailto:Emily.Lindley@tceq.texas.gov)>  
**Cc:** Gray, David <[gray.david@epa.gov](mailto:gray.david@epa.gov)>  
**Subject:** Arkema investigations DRAFT response

Ted Oberg of KTRK-TV in Houston called yesterday asking about soil and ash sampling at Arkema and screening levels for PAHs. OCE provided the investigation piece and Tox, the screening levels. Here is what he has done recently on the topic (9/22): <http://abc13.com/testing-near-arkema-raises-concerns-for-scientists/2443730/> . He needs an answer by noon.  
Thoughts?

Ted:

Bear in mind that this event was part of emergency response due to Hurricane Harvey under the Unified Command. As we discussed previously, there

**Soil and ash**

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We understand that EPA has or will have soil and ash samples so you may want to talk to them. I suggest PIO David Gray at EPA Region 6: 214-665-2200.

### **TCEQ's investigation**

The TCEQ has an open investigation into the Arkema incident that will include an evaluation of any impacts due to the fires at the site, and the TCEQ will also conduct evaluations of the emissions events reported to the TCEQ.

### **Screening levels for PAHs**

We do have health-based screening levels for individual PAHs. They can be found here:

<http://www.tceq.texas.gov/assets/public/remediation/trrp/2017%20PCI%20Tables%20March31.xlsx>

EPA has MCLs for PAHs, specifically benzo[a]pyrene. They can be found here:

<https://www.epa.gov/ground-water-and-drinking-water/national-primary-drinking-water-regulations#Organic>

Good info on health effects of PAHs can be found here:

<https://www.atsdr.cdc.gov/toxprofiles/tp.asp?id=121&tid=25>

Andrea Morrow  
TCEQ Media Relations Manager

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